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# **Bicycle and Pedestrian Program**

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## Collision Analysis 2003 4<sup>th</sup> Quarter Report

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**Background and Introduction**

To evaluate Traffic Collisions, the City of San José's Department of Transportation (DOT) obtains copies of Traffic Collision Reports (TCR) occurring in San Jose, that are prepared by the San Jose Police Department (SJPd) at the time of the collision. DOT then collects basic collision data using proprietary software called Traffic Accident Prevention System (TAPS). DOT staff enters approximately 14,000 TCRs into TAPS each year.

The City of San José Bicycle Pedestrian Program provides additional analysis of all TCRs involving bicyclists or pedestrians. This analysis is summarized and submitted by DOT staff for review by the City of San José Bicycle Pedestrian Advisory Committee (BPAC).

Collisions are classified based on a system of assigning the party more at fault with one of a few crash types. The 2003 California Vehicle Code was referenced in regards to assigning fault in each collision.

Attached is the report for bicycle or pedestrian collisions that occurred during the fourth quarter of 2003.

## I. BICYCLE COLLISION DATA

In the fourth quarter of 2003, there were:

- 76 bicycle collisions<sup>1</sup>
- 9 Hit and Run collisions (6 drivers and 3 bicyclists fled scene)<sup>2</sup>

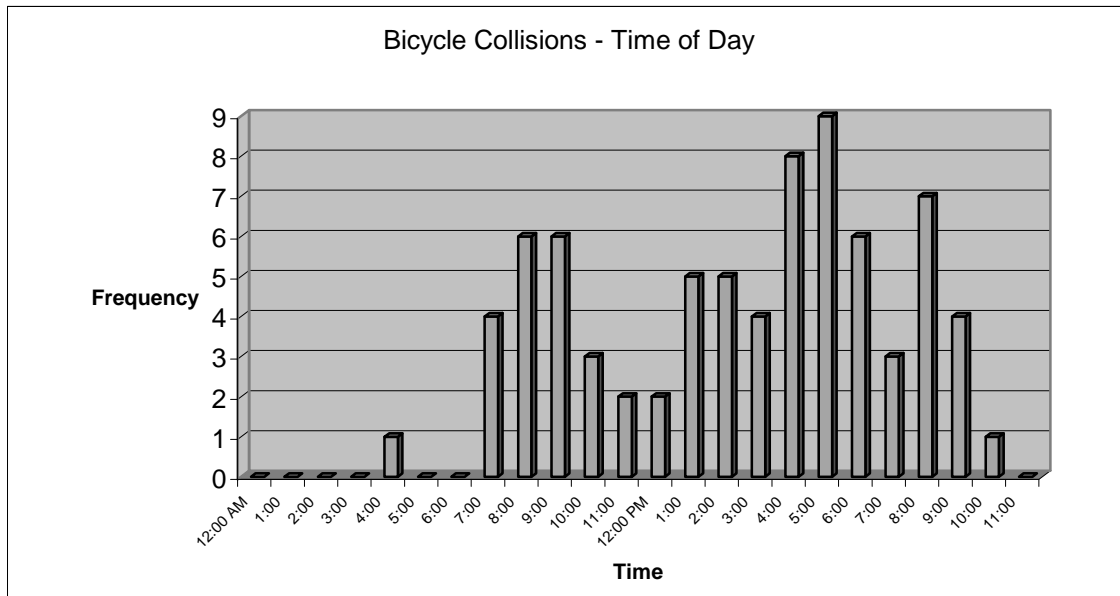


Figure 1.1<sup>3</sup>

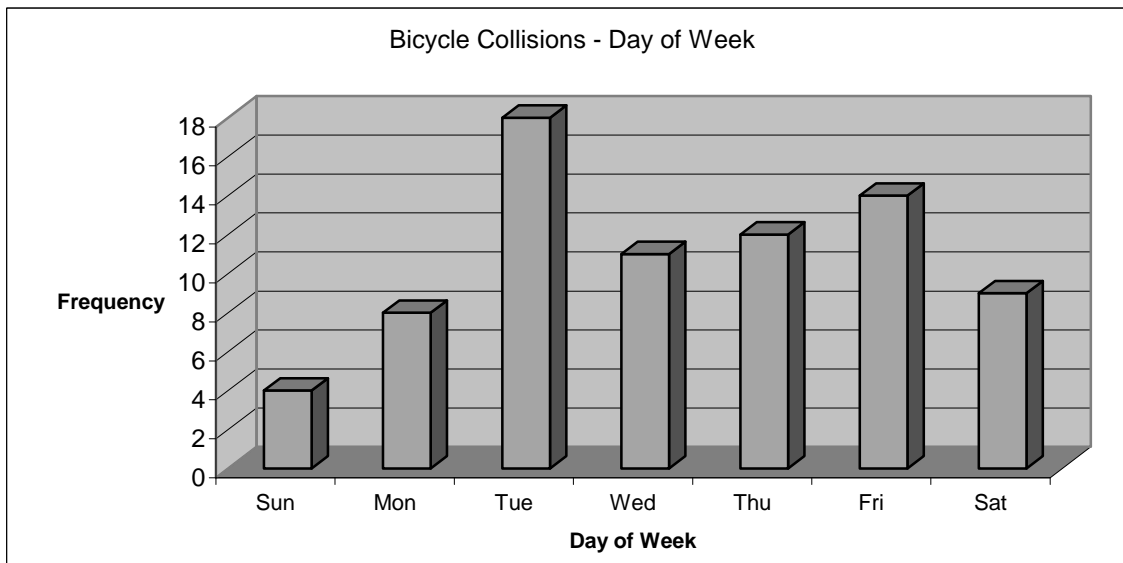


Figure 1.2

<sup>1</sup> Data as of 2/3/04. Note that crash data may change slightly as a result of late reports and changing medical conditions.

<sup>2</sup> Legally, fleeing the scene does not necessarily render a party most at fault.

<sup>3</sup> Some TCR's may not contain complete data in each field. Therefore, query totals may not match up to collision totals.

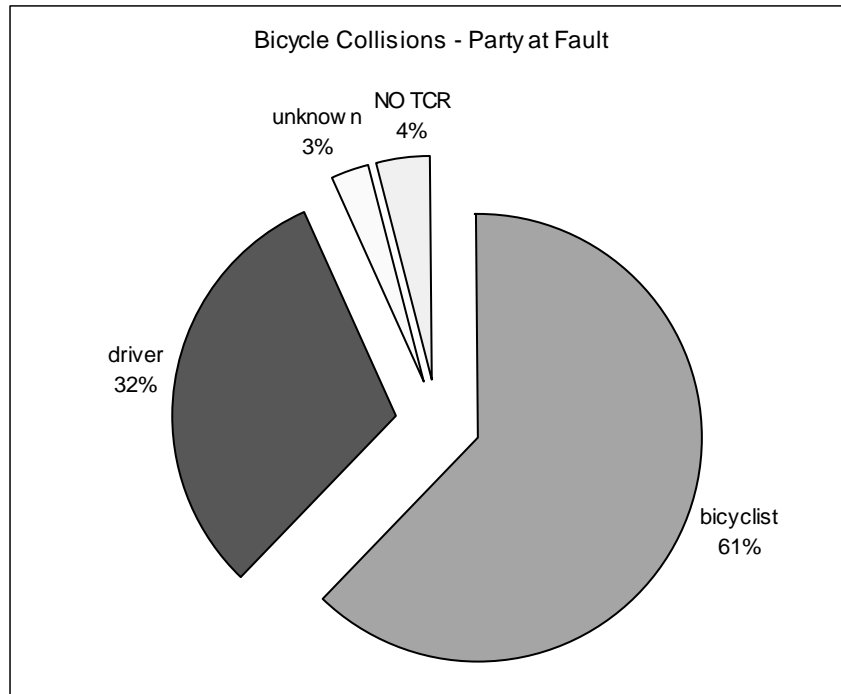


Figure 1.3 (see table 1.1)

Bicycle Collisions - Party at Fault		
primary		<b>71</b>
	<i>bicyclist</i>	<b>47</b>
	<i>driver</i>	<b>24</b>
unknown		<b>2</b>
NO TCR		<b>3</b>
total		<b>76</b>

Table 1.1

## Bicyclist at Fault

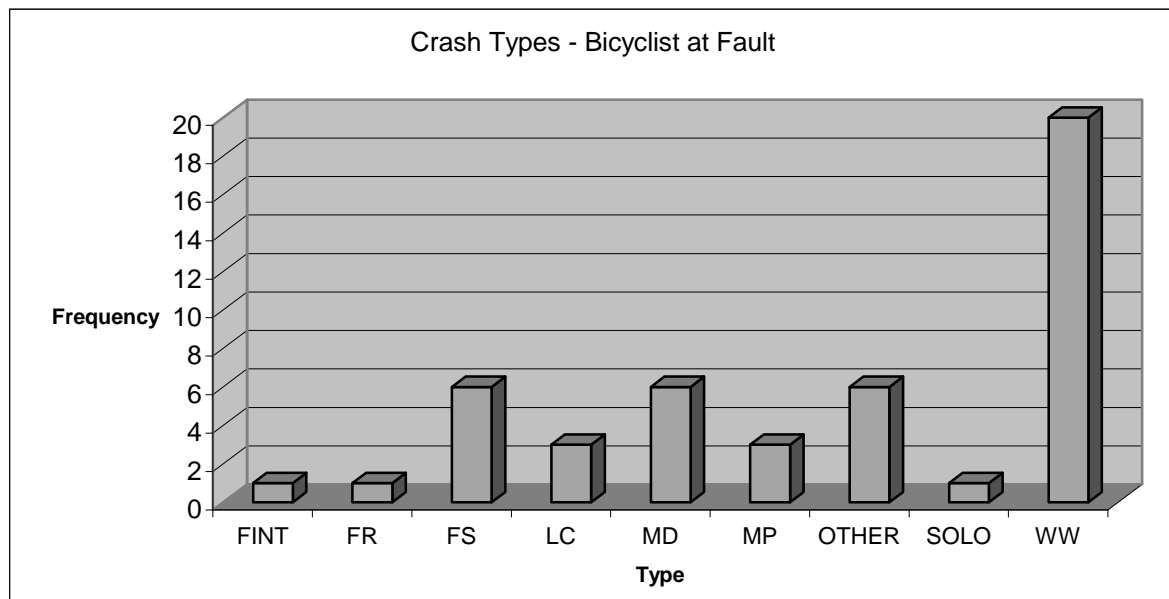


Figure 1.4

### Crash Type Abbreviations and Descriptions

<b>WW</b>	<i>Wrong Way</i> : Bicyclist riding on wrong side of roadway.
<b>MP</b>	<i>Mid-Block Pull-Out</i> : Bicyclist riding from driveway onto roadway.
<b>MD</b>	<i>Mid-Block Dash</i> : Bicyclist attempts to cross roadway when unsafe to do so at a mid-block location.
<b>FS</b>	<i>Failure to Yield, Stop Sign/Signal</i> : Bicyclist does not stop at stop sign or crosses a roadway against the signal.
<b>LC</b>	<i>Lane Change</i> : Bicyclist changes lane in an unsafe manner.
<b>SOLO</b>	<i>Solo</i> : Accident involving a bicyclist only.
<b>FINT</b>	<i>Failure to Yield in Intersection</i> : Bicyclist does not yield to a driver in the intersection, not defined by FR or FL.
<b>FR</b>	<i>Failure to Yield, Right Turn</i> : Bicyclist making a left turn does not yield to oncoming traffic.
<b>OTHER</b>	<i>Other</i> : Crash type not defined by any of the types above (eg. Faulty bike components, towed by vehicle, jumping off curb into oncoming traffic).

## Driver at Fault

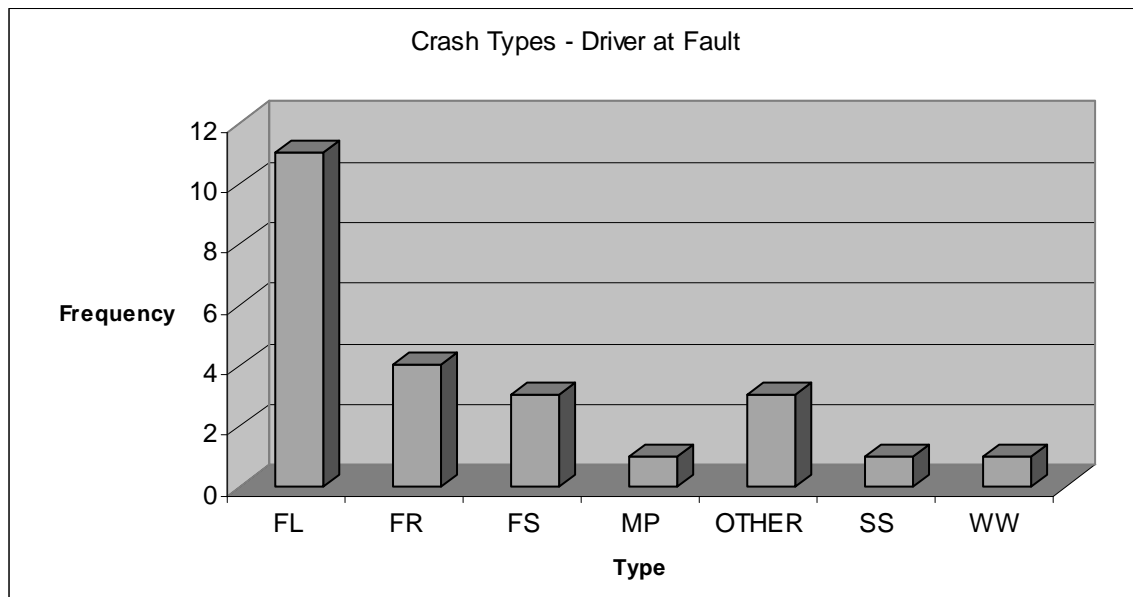


Figure 1.5

### Crash Type Abbreviations and Descriptions

<b>MP</b>	<i>Mid-Block Pull-In/Out</i> : Driver pulls into or out of driveway.
<b>FS</b>	<i>Failure to Yield, Stop Sign/Signal</i> : Driver does not stop at stop sign or crosses a roadway against the signal.
<b>FL</b>	<i>Failure to Yield, Left Turn</i> : Driver making a left turn does not yield to bicyclist.
<b>FR</b>	<i>Failure to Yield, Right Turn</i> : Driver making a right turn does not yield to bicyclist.
<b>WW</b>	<i>Wrong Way</i> : Driver riding on wrong side of roadway.
<b>SS</b>	<i>Sideswipe</i> : Driver drives too close to bicyclist and contact ensues.
<b>OTHER</b>	<i>Other</i> : Crash type not defined by any of the types above (eg. Speeding, opened car door, rear end bicycle).

### Age of Bicyclist at Fault

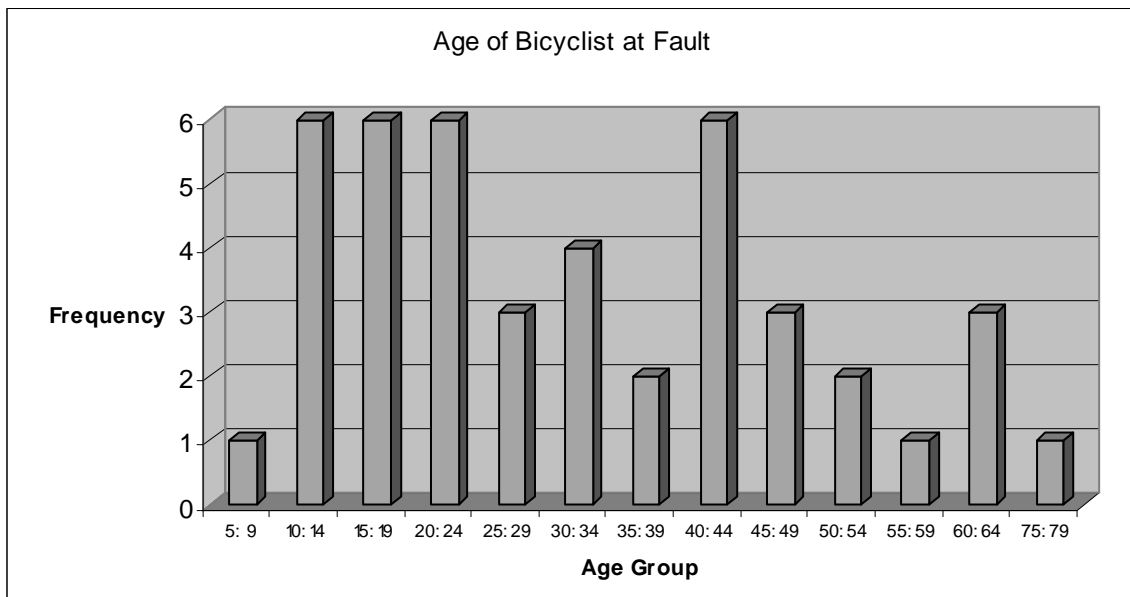


Figure 1.6

### Age of Driver at Fault

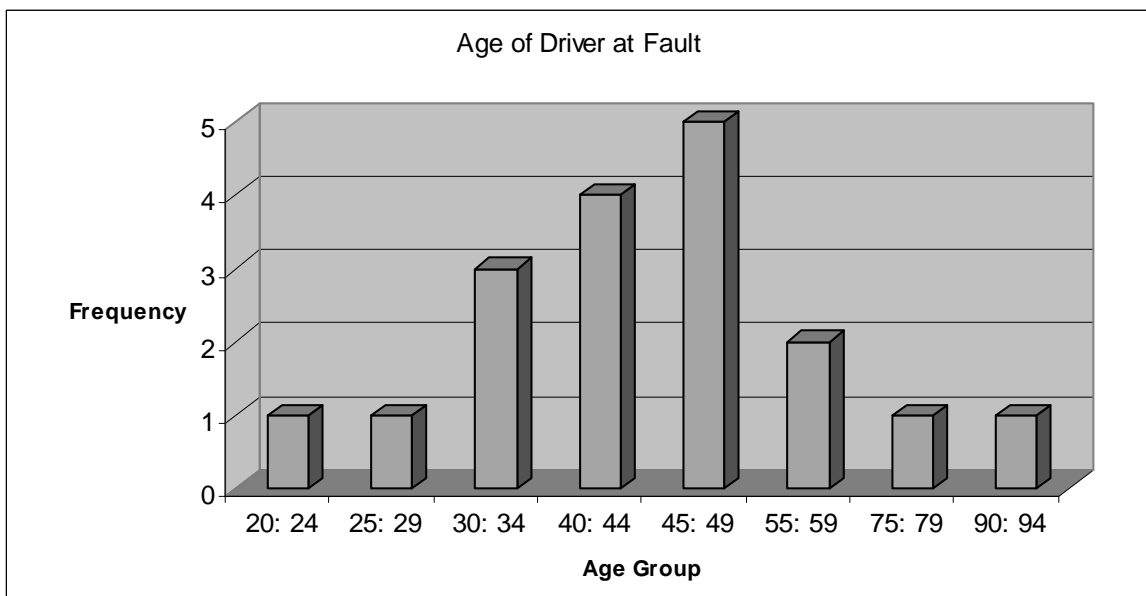


Figure 1.7



## II. PEDESTRIAN COLLISION DATA

In the fourth quarter of 2003, there were:

- 93 pedestrian collisions (1 Fatal)<sup>4</sup>
- 16 Hit and Run Collisions (15 Drivers and 1 Bicyclist fled scene)

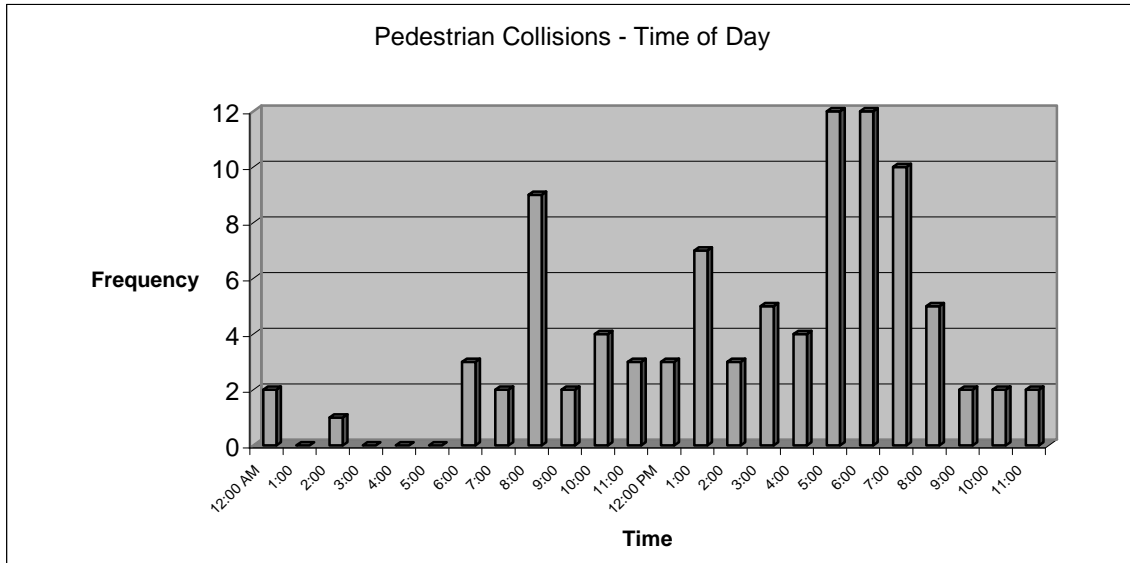


Figure 2.1

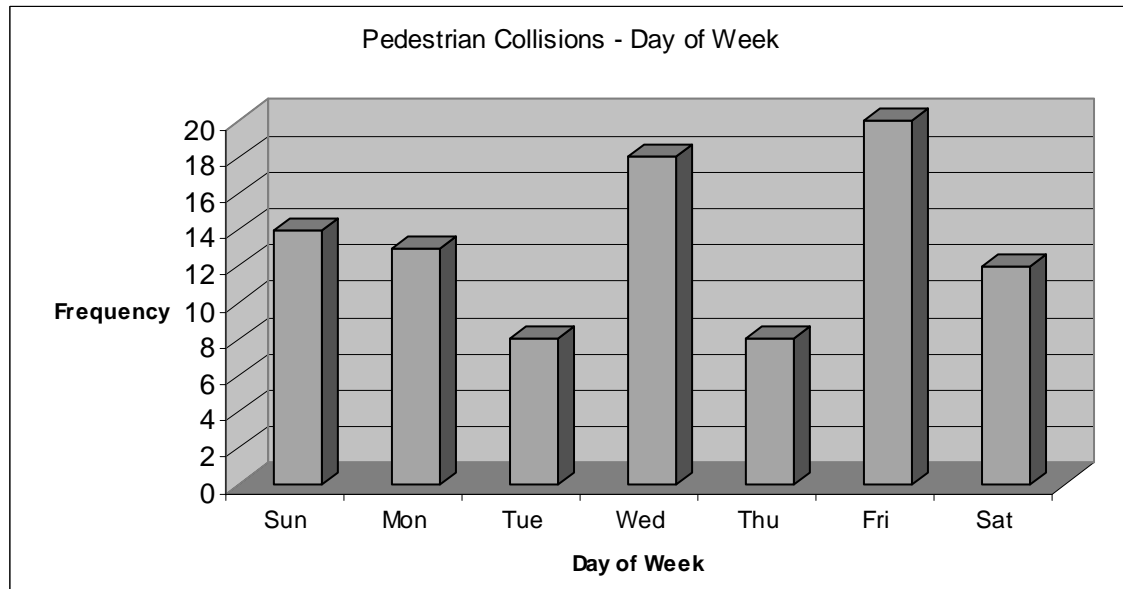


Figure 2.2

<sup>4</sup> Data as of 2/3/2004.

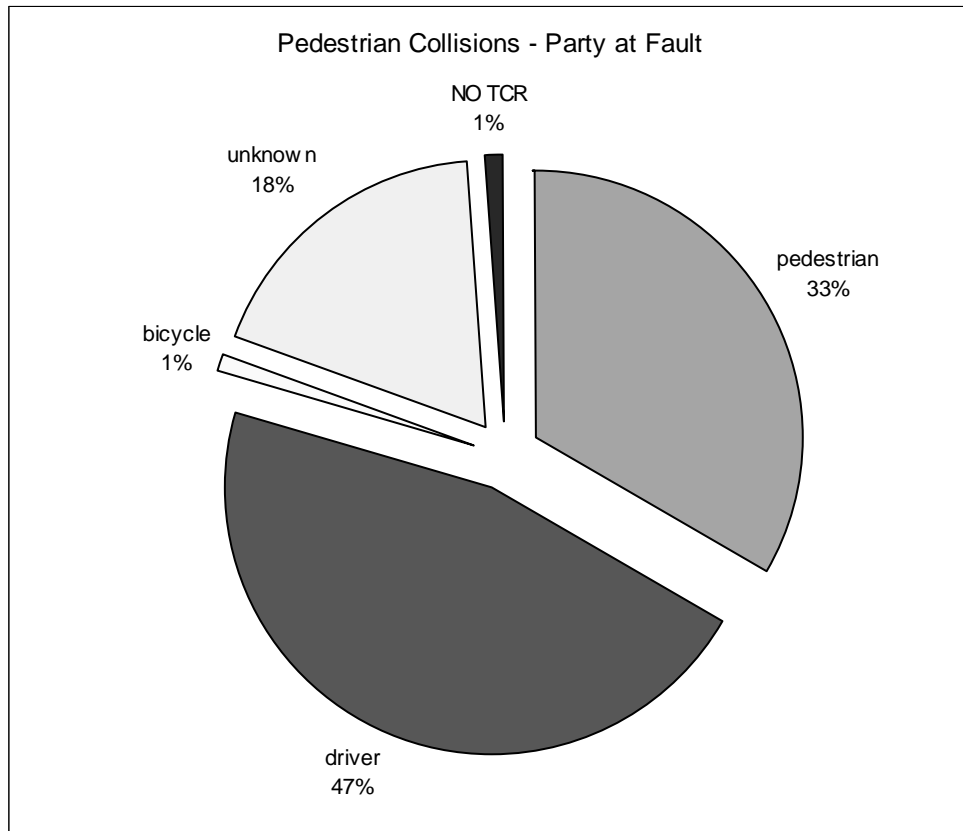


Figure 2.3 (see table 2.1)

Pedestrian Collisions - Party at Fault		
primary		<b>75</b>
	pedestrian	31
	driver	43
	bicycle	1
unknown		<b>17</b>
NO TCR		<b>1</b>
total		<b>93</b>

Table 2.1

## Pedestrian at Fault

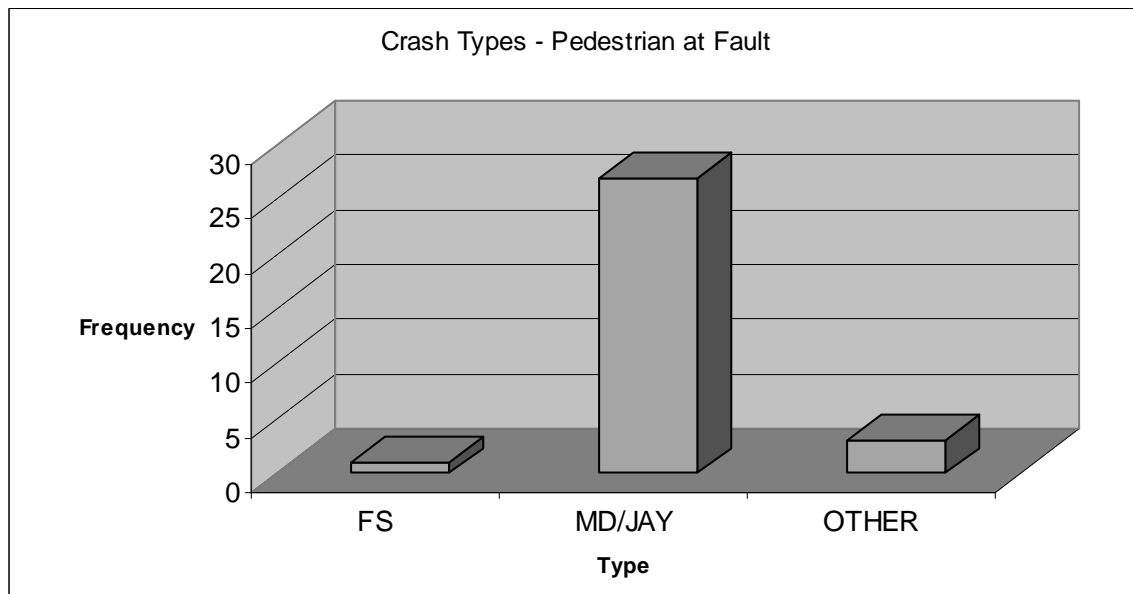


Figure 2.4

### Crash Type Abbreviations and Descriptions

<b>MD/JAY</b>	<i>Mid-Block Dash/Jaywalking</i> : Pedestrian crosses a roadway at mid-block and in a non-crosswalk.
<b>FS</b>	<i>Failure to Yield, Stop Sign/Signal</i> : Pedestrian crosses a roadway against the signal
<b>OTHER</b>	<i>Other</i> : Crash type not defined by any of the types above.

## Driver at Fault

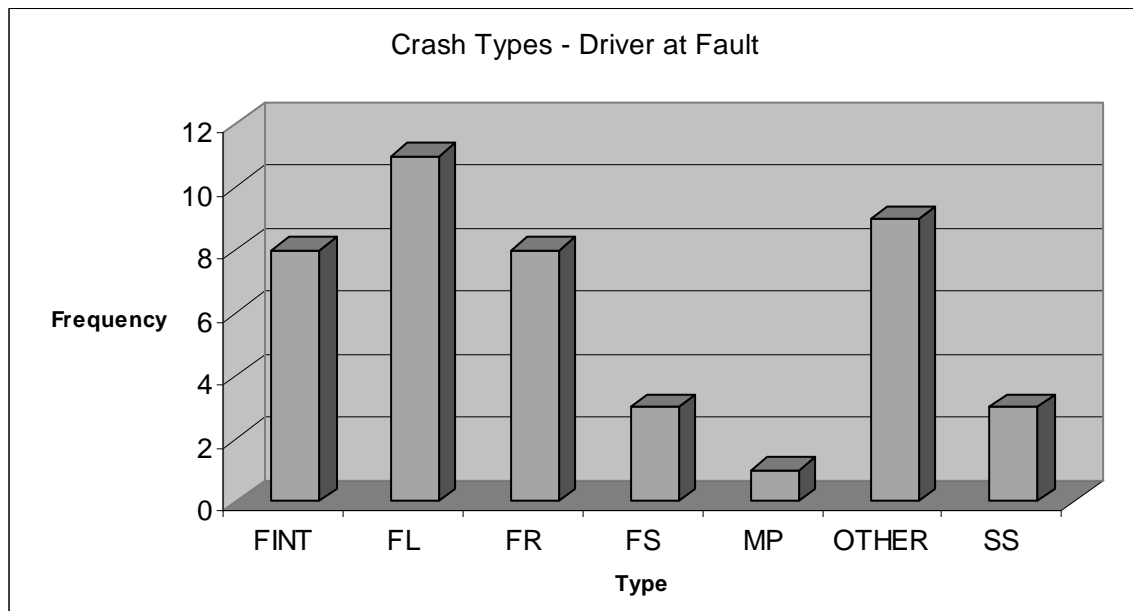


Figure 2.5

### Crash Type Abbreviations and Descriptions

<b>MP</b>	<i>Mid-Block Pull-In/Out</i> : Driver pulls into or out of driveway.
<b>FS</b>	<i>Failure to Yield, Stop Sign/Signal</i> : Driver does not stop at stop sign or crosses a roadway against the signal.
<b>FL</b>	<i>Failure to Yield, Left Turn</i> : Driver making a left turn does not yield to pedestrian.
<b>FR</b>	<i>Failure to Yield, Right Turn</i> : Driver making a right turn does not yield to pedestrian.
<b>FINT</b>	<i>Failure to Yield in Intersection</i> : Driver does not yield to a pedestrian in the intersection.
<b>SS</b>	<i>Sideswipe</i> : Driver drives too close to pedestrian and contact ensues.
<b>OTHER</b>	<i>Other</i> : Crash type not defined by any of the types above.

### Age of Pedestrian at Fault

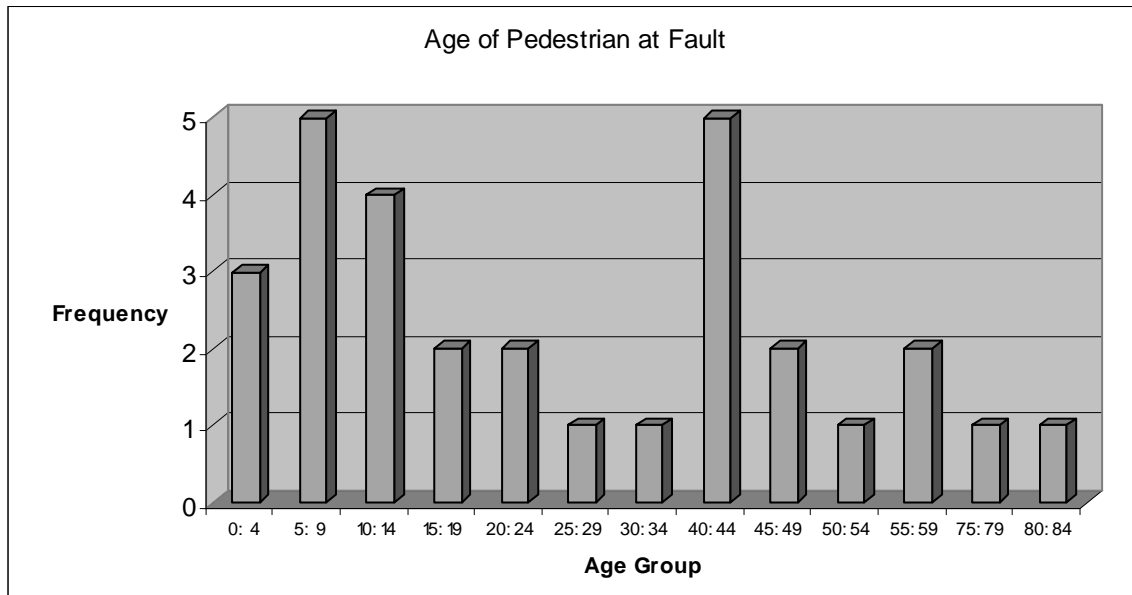


Figure 2.6

### Age of Driver at Fault

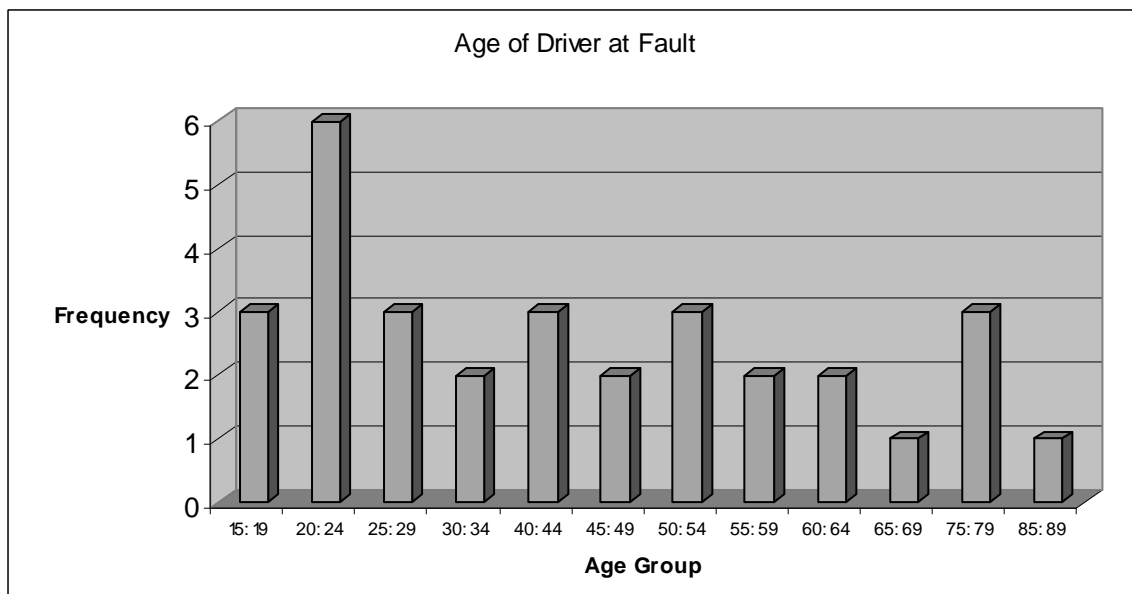


Figure 2.7